

APPLICATION TRANSFER REQUEST

Section I. APPLICATION TRANSFER REQUEST

Date 10-22-96 S.N. 08/674,726TO: Receiving A.U. 2411 Class/sub 364 Examiner _____FROM: Originating A.U. 2603 Class/Sub 370 Examiner Kiron

REASON:

Claims directed to on-line pricing of digital information. The price of information depending on the cost of the information itself and on the bandwidth necessary to transfer the information.

☐ Request for Reconsideration
(Return to Classification)

Section II. DISPOSITION BY RECEIVING A.U.

Date 11-16-96 Ext Hays☐ Accepted (keep in receiving A.U.)Not Accepted ☒ Forward to Electrical

Classification Group _____

☐ Return to Originating A.U. _____

Nonclassification issue only:

REASON:

No processing of business data. While price info incl. most comprehensive claims directed to security issues using digital watermark.

☐ Restriction
☐ OtherSection III. DISPOSITION BY C/E

Classification Group _____

Date 12/6/96☒ Transfer Approved-Forward to A.U. 2603Class/sub 370Classifier N. Nguyen☐ Transfer Disapproved-Forward to Originating A.U. _____

Concurring _____

Classifier _____

REASON:

Nonclassification issue raised:

☐ Restriction
☐ Other

*- As set forth by the refusing examiner
- The claimed invention looks closely related to patent 5428606*

*please consider Hassan -
Thanks -*

REQUEST FOR CONSIDERATION

From: NAM NGUYEN
Rm.: 900B09
Phone: 305-6494

Serial number: 674,726
Date in: 11/25

1/ To: H. Bryan Date: 11/26

PLEASE CONSIDER FOR CLASS(ES):

380 a bandwidth securitization instrument
Thanks

2/ To: NAM Date: 12/2

THE "SECURITIZATION INSTRUMENT" APPEARS TO BE MORE AN
ACCESS DEVICE THAN AN ENCRYPTION ONE. TRY CL340/825 +

3/ To: W. Davis Date: 12/3

364 a method of computing the price of
a bandwidth securitization instrument
Thanks

4/ To: NAM Date: 12-5-96

Closely related to patent 5428606 (attached)

5/ To: Date:

* * * * *

=> s 5428606/pn

L1 1 5428606/PN

=> d

1. **5,428,606**, Jun. 27, 1995, Digital information commodities exchange; Scott A. Moskowitz, 370/60, 94.1 [IMAGE AVAILABLE]

=> display clms

ENTER (L1), L# OR ?:11

ENTER ANSWER NUMBER OR RANGE (1):1

US PAT NO: **5,428,606** [IMAGE AVAILABLE]

L1: 1 of 1

CLAIMS:

CLMS(1)

What is claimed is:

1. A method for the exchange of digital information packets, comprising:
 - (a) creating a digital information packet wherein the packet includes:
 - (i) a series string of data representing desired information;
 - (ii) a publisher address, corresponding to the location of a publisher creating said digital information packet;
 - (iii) a digital information packet directory entry, corresponding to a publishable address which is used to locate and order said particular digital information packet;
 - (b) transmitting said digital information packet directory entry and said publisher address from a modular expandable unit to an exchange over a transmission medium;
 - (c) publishing said digital information packet directory entry and said publisher address over the exchange by filing and cataloguing, according to subject matter and type of medium supported, said digital information packet directory entry and said publisher address;
 - (d) compiling a list of said digital information packet directory entries and corresponding said publisher addresses;
 - (e) making available said list to subscribers with modular expandable units;
 - (f) locating a particular desired digital information packet by choosing one of said digital information packet directory entries from said compiled list over said exchange by using another modular expandable unit;
 - (g) subscribing to said digital information packet over said exchange by using one of said modular expandable units and providing information to said exchange, including:
 - (i) subscriber address where said digital information packet is to be sent;

- (ii) the publisher address where said digital information packet is to be sent from;
- (iii) the digital information packet directory entry where said digital information packet is stored;
- (h) transferring said digital information packet from said publisher to said subscriber over said transmissions medium;
- (i) concurrent with step (h), buffering said transfer of said digital information packet from said publisher to said subscriber such that said transfer occurs asynchronously.

CLMS(2)

2. The method of claim 1, wherein said steps of buffering of said transfer of said digital information packet is performed by both said publisher's and said subscriber's modular expandable units.

CLMS(3)

3. The method of claim 1, wherein said desired information is analog data which is then converted to digital form by an expansion module forming part of the modular expandable unit to provide said series string of data.

CLMS(4)

4. The method of claim 1 comprising the further step of: storing said transferred digital information packet in a static semiconductor memory.

CLMS(5)

5. The method of claim 1 comprising the further step of: storing said transferred digital information packet on a magnetic medium.

CLMS(6)

6. The method of claim 1 comprising the further step of: playing said transferred digital information packet on a device appropriate to that data type.

CLMS(7)

7. The method of claim 1 comprising the further step of: billing said subscriber for the transfer and price of said transferred digital information packet.

CLMS(8)

8. The method of claim 1 comprising the further step of:
billing said subscriber by said exchange for the transfer and price of
said transferred digital information packet.

CLMS(9)

9. The method of claim 1, wherein said step of creating said digital
information packet occurs at the same time as said step of transferring
of said digital information packet,
such that said transfer can be effected for real-time transmission of
contemporaneously created data.

CLMS(10)

10. The method of claim 1, wherein data compression techniques are
utilized to speed said transfer of said digital information packet.

=>